

# MATERIAL SAFETY DATA SHEET

SECTION I. IDENTIFICATION OF PRODUCT ENZYME/PROTEIN

Product #

PRODUCT NAME:

ANTIBODIES/ANTIGEN

COMPLEX POLYPEPTIDES

THIS MATERIAL SAFETY DATA SHEET IS VALID FOR ALL PROTEIN TYPES

SECTION II. PHYSICAL BATA

BOILING POINT: Not applicable

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VAPOR PRESSURE: Not applicable

SPECIFIC GRAVITY: Not available

WATER SOLUBILITY: Soluble

APPEARANCE: White odorless powder

MELTING POINT: Decomposes on heating

VAPOR DENSITY (AIR = 1): Not applicable

PERCENT VOLATILE BY VOLUME (%): Negligible

EVAPORATION RATE: Not applicable

## SECTION III. FIRE AND EXPLOSION HAZARB BATA

FLASH POINT: Not applicable

FLAMMABLE LIMITS: Not applicable

UEL: -

LEL: -

FIRE EXTINGUISHING MEDIA: Water spray, carbon dioxide, halone or dry chemical.

SPECIAL FIRE-FIGHTING PROCEDURES: Wear self-contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARD: None

## SECTION IV. HEALTH HAZARD

THRESHOLD LIMIT VALUE: None established by ACGIH or OSHA.

HEALTH HAZARDS: This peptide consists of amino acids present in many foods. Therefore no specific hazards of the product on humans should be expected.

FIRST AID PROCEDURES: Any material gotten into the eye should be washed out and medical attention obtained if symptoms are present after washing.



MATERIAL SAFETY DATA SHEET

page 2

SECTION V. REACTIVITY BATA

STABILITY

UNSTABLE:

STABLE: X

CONDITIONS TO AVOID: Heat and prolonged exposure to light.

INCOMPATIBILITY: Oxidizing agents; strong acids and bases.

HAZARDOUS DECOMFOSITION PRODUCTS: Burning may produce oxides of nitrogen and

POLYMERIZATION

MAY OCCUR:

WILL NOT OCCUR: XNone

CONDITIONS TO AVOID: None

#### SECTION VI. SPILL AND DISPOSAL PROCEDURE

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Collect for disposal

WASTE DISPOSAL METHOD: Local laws and regulations may preclude the use of this method , which is designed for little quantities: Add to a large stirred excess of water and flush down the drain.

#### SECTION VII. PROTECTION INFORMATION

RESPIRATORY PROTECTION: None required

PROTECTIVE GLOVES: None required EYE PROTECTION: Safety glasses

OTHER PROTECTIVE EQUIPMENT: None required

### SECTION VIII. HANDLING AND STORAGE PRECAUTIONS

STORAGE AND HANDLING: Store cool, dry and tightly closed.

#### SECTION IX. MISCELLAMEOUS INFORMATION

None

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